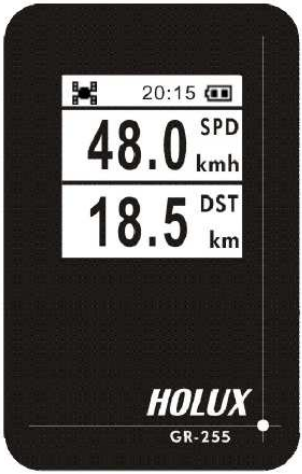
HOLUX

GPSport 255



User Manual

Version: V1.1

August, 2011

Safety Precautions

- Use the power adapter included with the package, using power adapters other than the one provided will result in malfunction and could prove dangerous.
- Battery replacement should not be performed by consumers, only professionally trained maintenance personnel should do the removal of the cover and the internal components. Note: It may cause explosion if the battery is not properly replaced with the same or equivalent model.
- About the power adapter:
    1. Do not use the power adapter in a wet environment. When hands and feet are wet, do not touch the power adapter.
    2. While using the power adaptor, ensure that the area is well ventilated. Do not let paper or other material cover the power adaptor, as this will interfere with cooling. Do not use the power adaptor whilst it is in a bag.
    3. Do not attempt to repair the device. If device is damaged or is in a wet environment, replace the device immediately.
    4. It is not recommended to charge from a PC because the PC power voltage is not enough to supply the device.

Warranty Statement

- This warranty applies to parts and services that are manufactured and sold through HOLUX. The warranty length is one year from date of purchase (starting from the date on the sales receipt). Under normal user operation, HOLUX provides free repair services.
- HOLUX is not responsible for providing repairs or replacements of any software; HOLUX does not provide any warranty service for third party software/hardware.
- Important instructions
    1. Note: This warranty does not cover damage or malfunction from the below causes: unauthorized disassembly/modification of unit, abuse or incorrect usage, accidental and other unpreventable causes, operation under variables mentioned that are different from those in this product user manual, using parts not made or sold by HOLUX, or repairs done by anyone other than HOLUX and authorized retail/service providers.
    2. Expendable parts are not covered in the warranty.
    3. HOLUX is not responsible for any program, data, or portable storage media damages or loss. Please contact your local HOLUX authorized service provider to learn more about geographical limitations, proof of purchase requests, response time agreements, and other specific maintenance service requests.

Copyright Information

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Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

RF Exposure Warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance

Table of Contents

Introduction....1
Features....1
Unit Overview....2
Accessories....4
Chargng the battery....5
Connecting to a PC....6
Downloading Track Logs....7
Installing ezTour....7
Starting ezTour....10
Installing Driver....11
Using the GPSport 255....13
Turn on/ off the device....13
On screen display....13
Main Menu....15
Status icon....16
Main Menu....17
Save Log....17
General Setting....19
Weight....19
Auto Page....20
Rotate Screen....21
GPS Cold Start....22
Reset Odometer....23
System setting....24
Language....24

Time Zone.....25
Units 26
Reset Device 27

Trouble shooting 28

Specifictions.....31

Introduction

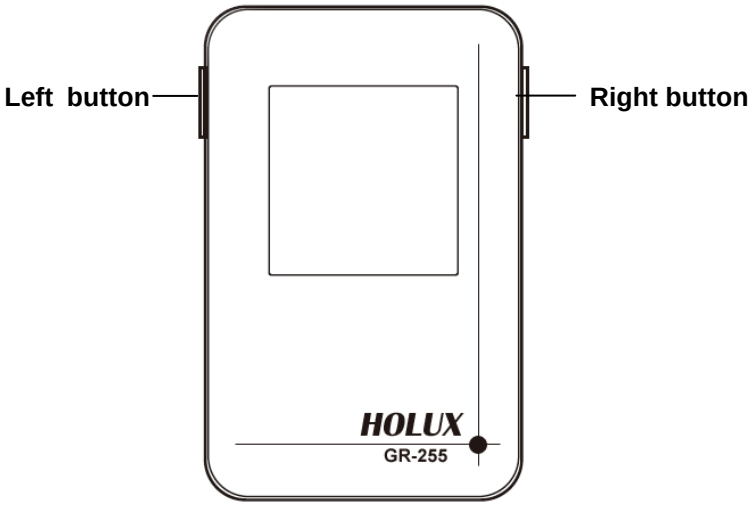
Thank you for purchasing GPSport 255. GPSport 255 is a compact, light-weighted device that specially designs for sports & outdoor activities.
It equips with GPS finder, data logger, calorie calculation, also with CO_2 reduction features.

Features

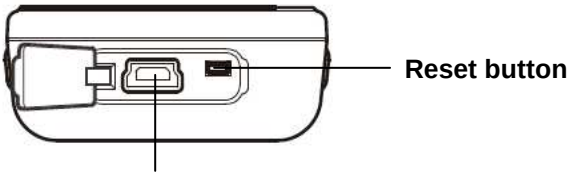
- High Sensitivity GPS Chipset
- Light-weighted GPS for outdoor activities
- Power-Save LCD Display
- Easy to use User Interface
- Long Battery Life (up to 17 hrs)
- Large internal memory capacity for data logger
- Mini USB interface for charging & data download
- IPX-3 Waterproof grade
- Multi-language support
- Bundled with ezTour

Unit Overview

Front View



Button View



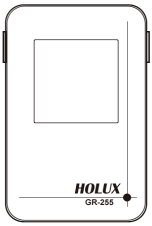
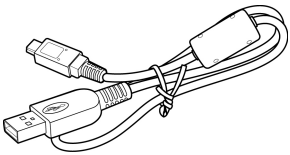
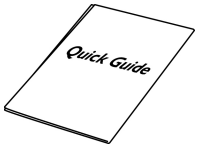
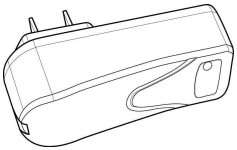
Buttons

Use the Buttons for basic functions.

Name	Icon	Function
Right button		Power: Press 3 seconds to turn on/off. Enter: Enter and save setting in submenu Next: Flip to the next page in main screen
Left button		Main Menu: Enter main menu page Select: Switch function item Pause Log: In main screen, press 3 seconds to pause log on/off.

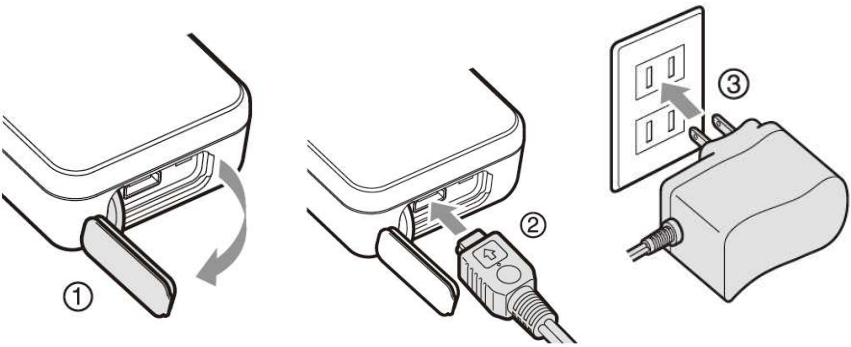
Accessories

Check the box for the following supplied accessories. If any is missing, contact your supplier immediately.

GPSport 255 	USB cable 
Quick guide 	AC adapter plug 
Warranty Card 	

Chargng the battery

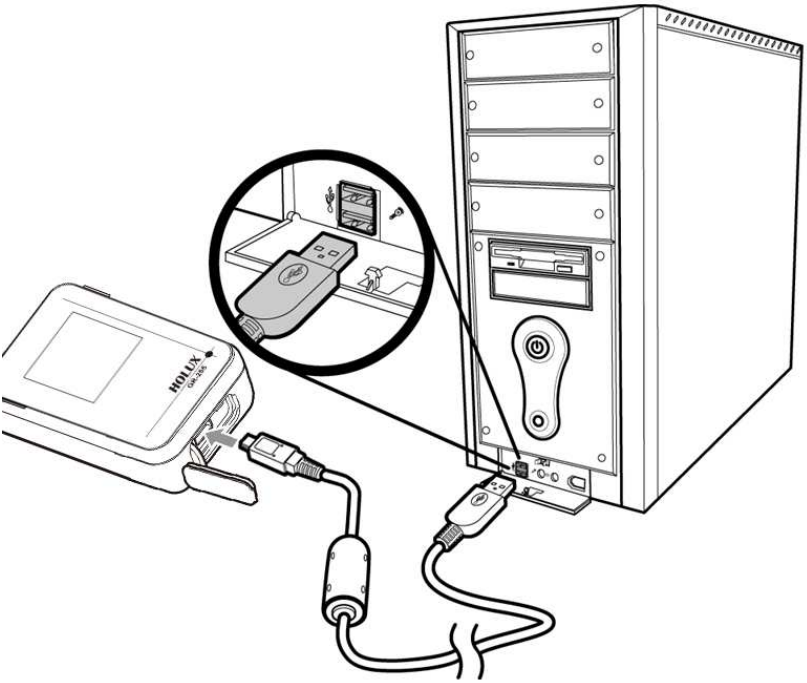
1. Open the mini USB cover
2. Plug the mini USB plug of the AC charger into the mini USB port on the top of the handset.
3. Plug the AC charger into a wall outlet.



When charging, the Power indicator shows . After charging is complete, the Power indicator shows .

Connecting to a PC

1. Connect the mini USB plug (smaller) of the USB cable to the mini USB port on the top of the system.
2. Connect the USB plug (larger) or the USB cable to a USB port on your computer.



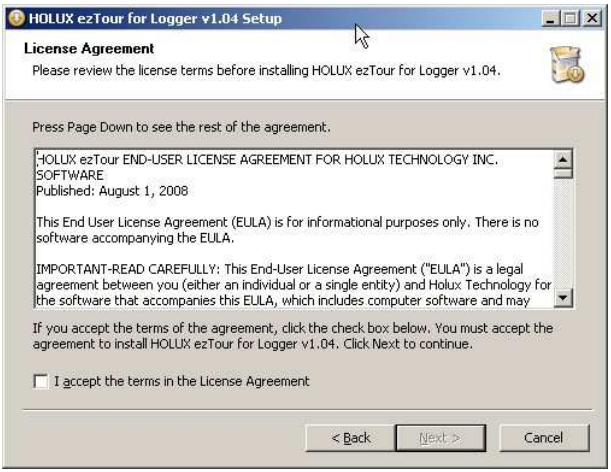
Downloading Track Logs

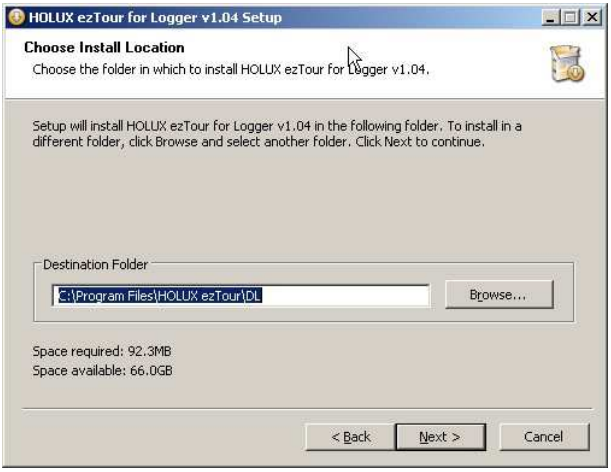
To download the recorded track log and view it on your computer, firstly you will need to install the bundled **ezTour**.

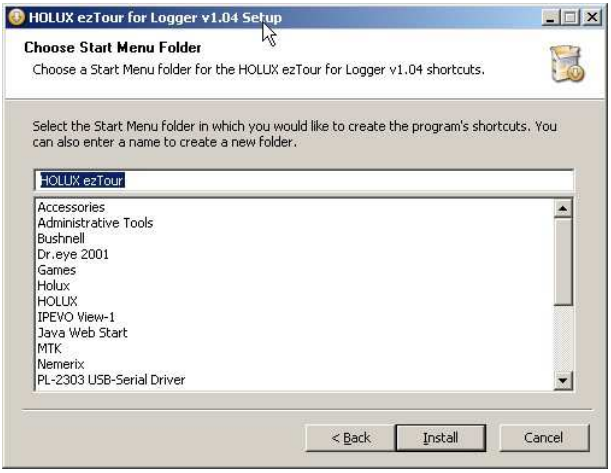
Installing ezTour

1. Insert the provided installation CD into the computer's CD drive to install ezTour software.

2. Click Next to begin the installation. The License Agreement screen opens.
3. Read the agreement, click I accept the terms of the license agreement, then click Next.
4. Follow the on-screen instruction to proceed. The installation wizard will guide you through the steps.


HOLUX ezTour for Logger v1.04 Setup
License Agreement
Please review the license terms before installing HOLUX ezTour for Logger v1.04.
Press Page Down to see the rest of the agreement.
HOLUX ezTour END-USER LICENSE AGREEMENT FOR HOLUX TECHNOLOGY INC. SOFTWARE
Published: August 1, 2008
This End User License Agreement (EULA) is for informational purposes only. There is no software accompanying the EULA.
IMPORTANT-READ CAREFULLY: This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Holux Technology for the software that accompanies this EULA, which includes computer software and may
If you accept the terms of the agreement, click the check box below. You must accept the agreement to install HOLUX ezTour for Logger v1.04. Click Next to continue.
I accept the terms in the License Agreement
< Back
Next >
Cancel


HOLUX ezTour for Logger v1.04 Setup
Choose Install Location
Choose the folder in which to install HOLUX ezTour for Logger v1.04.
Setup will install HOLUX ezTour for Logger v1.04 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
Destination Folder
C:\Program Files\HOLUX ezTour\DL
Browse...
Space required: 92.3MB
Space available: 66.0GB
< Back
Next >
Cancel

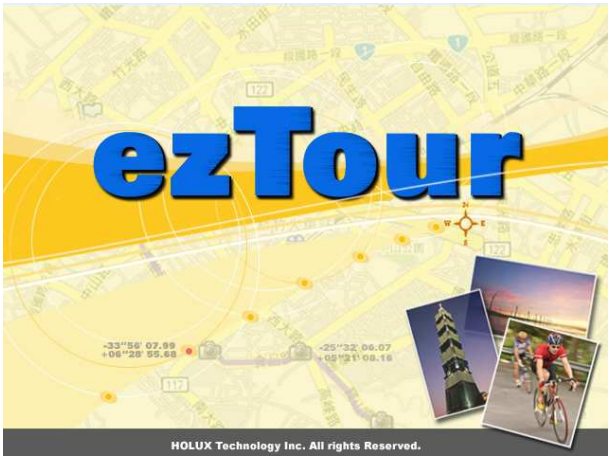


Click Finish to exit the wizard.

Starting ezTour

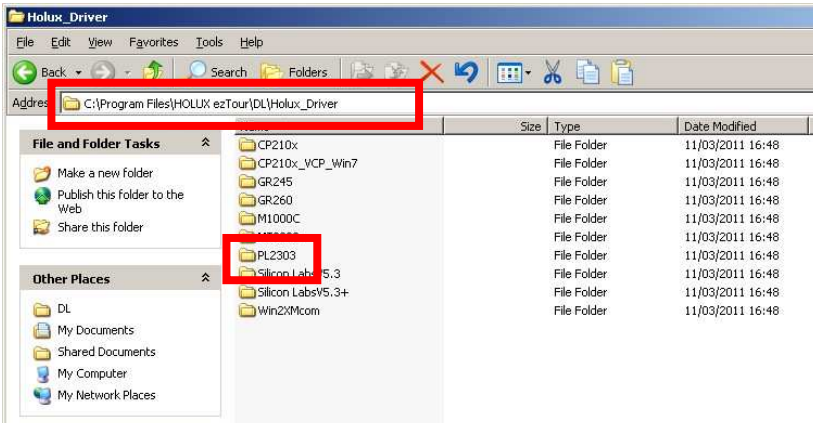
Once the **ezTour** is well installed in your computer, the ezTour icon

will appear on your desktop as a shortcut. Double-click the icon to start ezTour. The following opening screen appears and you are ready to use the software. For details, please refer to the included **ezTour** user manual.



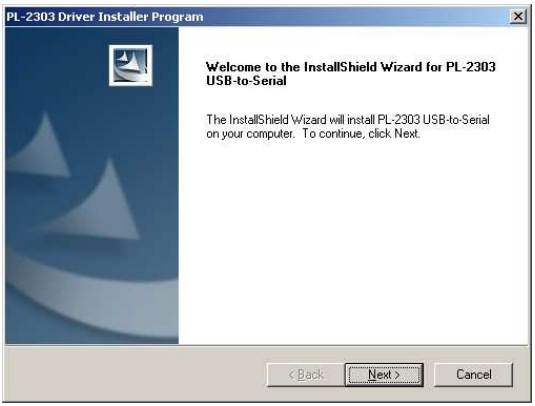
Installing Driver

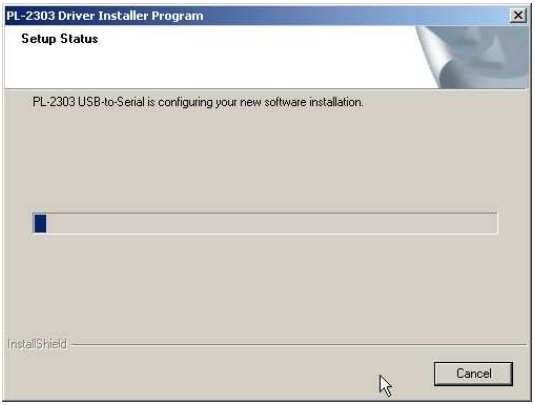
1. After the ezTour is installed, you can open the ”Holux_Driver” folder and install driver.
   The path is “**C:\Program Files\HOLUX ezTour\DL\Holux_Driver“.**

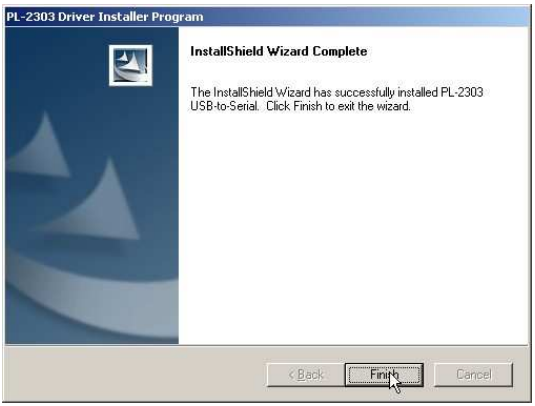


2. Select “PL2303” folder, and click the driver program of the latest date to install.

3. Follow the on-screen instruction to proceed. The installation wizard will guide you through the steps.







Click Finish to exit the wizard.

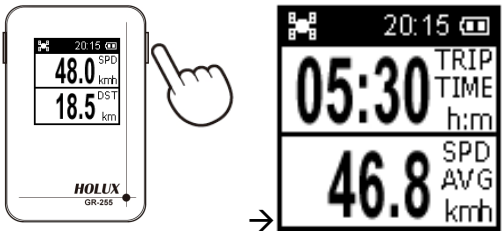
Using the GPSport 255

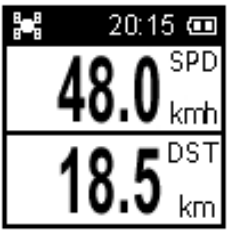
Turn on/ off the device

Press and hold the power button until the opening screen appears on the LCD screen. Press the power button until the LCD screen turns off.

On main screen display

The on-screen display changes to show following information page. You can flip the pages by pressing right button or by enabling the automatic flip function (5 seconds).





Speed and distance: Displays your speed and distance

Trip time and speed average: Display your trip time & average speed.

Altitude and Total Ascent: Displays barometer altitude and the total ascent variation (Descent variation is not included.)

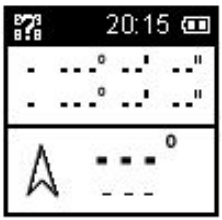
※ Total ascent variation is used calculate the distance of altitude ascent. When riding or climbing, it can be used to calculate the ascent distance.

Pace and Odometer（ODO）: Displays the time of pace and total odometer.

Calorie and Carbon Saving: Display total value of calorie consumption & carbon reduction from every trip.

Coordinate and Heading: Display coordinate & north-side direction.

※It won't display any value, if the device doesn't gain satellite signal.



Main Menu

Main Menu: 3 items are displayed in the main menu. You can press left button to select one of the items, then press right button enter to sub-menu. Select “Exit” return to main screen.

Sub-Menu: On the sub-menu page, press left button to select item, then press right button to enter the function.

Status icon

Status icons show satellite status, time and battery information.

Satellite mode icons:

Indicates satellites are fixed.

Indicates the device is trying to fix the satellites.

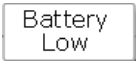
Battery status icons:

Indicates battery is in full status

Indicates battery is in charging status

Indicates battery is done charging

Indicates battery is low power. When pop up the message

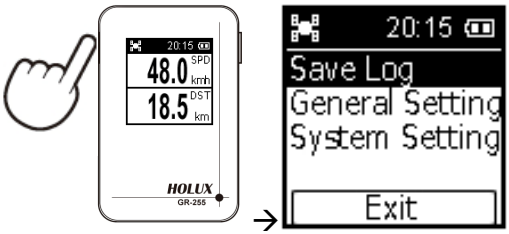


every 3 minutes, please charge the battery.

※ Remind you: The icon means the time of power supply is less than 10 minutes, please charge the battery as soon as possible.

Main Menu

Read this section to learn how to set up and use the GPSport 255. Turn on the device, press left button (main menu) to enter the main menu page.



Save Log

1. Left button → enter main menu.
2. Right button → enter “Save Log” page.
3. Left button → select “Yes” or “No”
   Right button → confirm and save.
4. Select “Yes” → The device will save the current track logs and begin to record new logs automatically.
   Select “No” → Return to the main menu without saving.

※ Default value: Yes

※ After satellite positioning, the device will

automatically log your track, the interval is 5 seconds.

※ When the memory capacity has been reached, the device will continue to record and overwrite the oldest information on the memory.

General Setting

General Setting contains Weight, Auto page, Rotate Screen, GPS Cold Start and Reset Odometer.

1. Left button → enter main menu.
2. Left button → select “General Setting”.
   Right button → enter “General Setting” page.

Weight

Input your weight value for calorie calculation.

1. Right button → enter “Weight” page.
2. Left button → select the value
   Right button → confirm the value and change to the next input position.
3. After input is completed,
   Right button → save the value and return to main menu page.

※ Default value: 50kg.
Maximum weight value is 199kg.

Auto Page

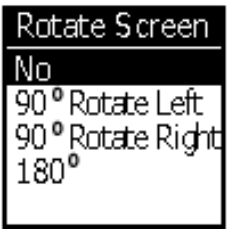
Users can enable the “Auto Page” to rotate all sport information pages regularly on the main screen. The function is convenient to use when riding bicycles.

1. Left button → select “Auto Page”
   Right button → enter “Auto Page”.
2. Left button → select “Yes” or “No”
   Right button → confirm and save.
3. Select “Yes” → Flip page automatically on main screen.
   Select “No” → Return to the main menu.

※ The time interval of auto flip page is 5 seconds on the main screen.

Rotate Screen

This function is mainly used in when you install the device on the bike. Users can put the device on the bike mount vertically or horizontally, then set rotate screen to display.



1. Left button → select “Rotate Screen”
   Right button → enter “Rotate Screen”.
2. Left button → select “No”, “90° Rotate Left”, “90° Rotate Right“or “180°”
   Right button → confirm and save.

GPS Cold Start

If it takes too long for GPSport 255 to fix position, say when moving away 300 KM or the device is powered off more than 2 hours; perform cold start to reset data in chip to shorten fix time.

1. Left button → select “GPS Cold Start”
   Right button → enter “GPS Cold Start” page.
2. Left button → select “Yes” or “No”
   Right button → confirm and save.
3. Select “Yes” → Restart the device immediately.
   Select “No” → Return to the main menu.

Reset Odometer

The device is able to accumulate mileage in Odometer, identical to how motor vehicles store mileage data. The “Reset Odometer” is to release odometer value.

1. Left button → select “Reset Odometer”
   Right button → enter “Reset Odometer” page.
2. Left button → select “Yes” or “No”
   Right button → confirm and save.
3. Select “Yes” → Release odometer, the value is return to zero.
   Select “No” → Return to the main menu.

System setting

System setting contains Language, Time Zone, Units and Reset Device.

1. Left button → enter main menu.
2. Left button → select “System Setting”.
   Right button → enter “System Setting” page.

Language

Choose the language displayed on the screen.

1. Right button → enter “Language” page.
2. Left button → select language
   Right button → confirm the save

Time Zone

Choose your Time Zone.

1. Left button → select “Time Zone”
   Right button → enter “Time Zone” page.
2. Left button → select time zone
   Right button → confirm the save

Units

Choose the type of units to display on the screen.

1. Left button → select “Units”
   Right button → enter “Units” page.
2. Left button → select the unit
   Right button → confirm the save

Reset Device

Reset device to the factory setting.

1. Left button → select “Reset Device”
   Right button → enter “Reset Device” page.
2. Left button → select “Yes” or “No”
   Right button → confirm the save
3. Select “Yes” → Reset device to the factory setting.
   Select “No” → Return to the main menu.

※ Reset Device will reset all data into default setting except Odometer. User need to manually reset Odometer in “Reset Odometer” menu.

Trouble shooting

Use this section to solve problems with your GPS. If you are unable to find solve a problem, contact your supplier or a qualified technician.

	Problem	**Solution**
Power	Cannot start	Insufficient battery charge, please connect to the adapter and restart system.
Screen	No screen displayed	Please connect adapter, restart system.
	Display speed is too slow	Check if the battery is low on power.
	Screen has no response	Press reset button to turn on the device
	Can not power on the device	Press reset button and turn on the device
GPS	GPS cannot display my current location	Make sure your current location is not obstructed by buildings or other interferences.

Normal Care and Maintenance

To ensure the unit's normal operation and extended life span, please note the following while using and storing:

- **Do not drop the unit**
  If violently impacted or shocked, serious damage may be caused.
- **Avoid sudden temperature changes**
  Condensation may occur when entering a warm room on a cold day. To prevent condensation from damaging the unit, please place into an airtight plastic bag before sudden temperature changes.
- **Keep away from strong magnetic fields**
  When using or storing, please keep away from strong electromagnetic/ radioactive or magnetic field equipment.
- **Operating temperature**
  The products operating temperature is between -10℃ ~ 60℃; please do not operate under extreme temperatures.
- **Avoid exposure to sunlight**
  Please avoid long periods of sunlight or high temperature exposure.
- **Cleaning the screen**
  Using a soft clean cloth to wipe the screen is recommended; do not use ordinary tissue to wipe the screen.
- **Do not disassemble**
  Please do not disassemble the product, this may void the warranty

and damage the unit.

- **Storage**

  When the product is not being used for a long period, store the device in a cool and dry place. For long-term storage, keeping the unit in a dry box is recommended.

  Please do not keep the product in the following environments:

  - Unventilated and humid locations.
  - In a car window that is exposed to excessive amounts of sunlight.
  - In an environment where humidity is over 90%.

Specifictions

GPS Chipset	High Sensitivity GPS chipset
Dimension	42x 65x 16 mm
Weight	48.4g (battery)
Battery	700 mAh, Removable Li-ion battery
Buttons	Right button: Power / Enter Left button: Menu / Select
Antenna	Built-in patch antenna
IO interface	Mini USB for Charging & Data Download
Display	96*96 dots 1.30” LCD
Memory	4MB (up to 200,000 points)
Adapter	Input 100 ~ 240V DC output 5V/0.5A through Mini-USB
Environment Temperature	Operating temp: -10℃ ~ 60℃ Storage temp: -20℃ ~ 70℃ Battery charging temp: 0℃ ~ 45℃
Language	Traditional Chinese/ Simplified Chinese/ English
Waterproof	IPX-3